(Our Deposit Account No. 03-3975

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE REQUEST FOR FILING NATIONAL PHASE OF PCT APPLICATION UNDER 35 U.S.C. 371 AND 37 CFR 1.494 OR 1.495

To:

The Commissioner of Patents

and Trademarks (Our Order No. 41226 / 255101 Washington, D.C. 20231 C# М# Atty. Dkt. PM 255101 / 7012P-U TRANSMITTAL LETTER TO THE UNITED STATES / Client Ref. DESIGNATED/ELECTED OFFICE (DO/EO/US) M# From: Pillsbury Madison & Sutro LLP, IP Group Date: July 17, 1998 This is a REQUEST for FILING a PCT/USA National Phase Application based on: 2. International Filing Date 3. Earliest Priority Date Claimed 1. International Application November Year **MONTH** Day (use item 2 if no earlier priority) Measured from the earliest priority date in item 3, this PCT/USA National Phase Application Request is being filed within: (a) [XX] 20 months from above item 3 date (b) [] 30 months from above item 3 date. (c) Therefore, the due date (unextendable) is July 17, 1998 Title of Invention LASER MACHINING APPARATUS AND APPARATUS AND METHOD FOR MANUFACTURING 5. A MULTILAYERED PRINTED WIRING BOARD 6. Inventor(s) HIRAMATSU, Yasuji Applicant herewith submits the following under 35 U.S.C. 371 to effect filing: [X] Please immediately start national examination procedures (35 U.S.C. 371(f)). 7. 1 A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is transmitted herewith (file if in 8 English but, if in foreign language, file only if not transmitted to PTO by the International Bureau) including: a. [] Request; b. [] Abstract; c. ____ pgs. Spec. and Claims; d. ____ sheet(s) Drawing which are [] informal [] formal of size [] A4 [] 13" [] 14" [X] A copy of the International Application has been transmitted by the International Bureau. A translation of the International Application into English (35 U.S.C. 371(c)(2)) 10. a. [XX] is transmitted herewith including: (1) [] Request; (2) [XX] Abstract; (3) 66 pgs. Spec. and Claims; (4) 17 sheet(s) Drawing which are: [XX] formal of size [] informal [XX] A4 [] 11" b. [] is not required, as the application was filed in English. c. [] is not herewith, but will be filed when required by the forthcoming PTO Missing Requirements Notice per Rule 494(c) if box 4(a) is X'd or Rule 495(c) if box 4(b) is X'd. d. [] Translation verification attached (not required now). PLEASE AMEND the specification before its first line by inserting as a separate paragraph: 11. [X] --This application is the national phase of international application PCT/__JP97_/ 04168 filed November 14, 1997 which designated the U.S.---This application also claims the benefit of U.S. Provisional Appliction No. 60/_____, filed _

Re: l	JSA Natio	onal Filing of P	CT/ <u>JP97</u> / 04168	_	Page 2 of 3	
12.	[]	[] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c) i.e., before 18th month from first priority date above in item 3, are transmitted herewith (file in English but, if in foreign language, file only if not transmitted by the International Bure including:				
13.	[X]	PCT Article 1	9 claim amendments	(if any) have been transmitte	d by the International Bureau.	
14.	[]	amendments	made before 18th mo	nth, is attached (<u>required b</u>	19 (35 U.S.C. 371(c)(3)), i.e., of claim y 20th month from the date in item 3 else amendments will be considered	
15.	a. []] is submitted X] is not Notice	herewith, but <u>will be t</u> e	Original [] Facsimile/Co	orthcoming PTO Missing Requirements	
16.	a. Wa b. [X	An International Search Report (ISR): a. Was prepared by [] European Patent Office [] Japanese Patent Office [] Other b. [X] has been transmitted by the International Bureau to PTO. c. [] copy herewith (pg(s).) [] plus Annex of family members (pg(s).).				
17.	International Preliminary Examination Report (IPER): a. [X] has been transmitted (if this letter is filed after 28 months from date in item 3) in English by the International Bureau with Annexes (if any) in original language. b. [] copy herewith in English c.1 [] IPER Annex(es) in original language ("Annexes" are amendments made to claims/spec/drawings during Examination) including attached amended: c.2 [] Specification/claim pages # [] Drawing Sheets # c.3 [] Which resulted in cancellation of pages # claims # Dwg Sheets # d. [] Translation of Annex(es) to IPER (required by 30th month due date, or else annexed amendments will be considered cancelled).					
18.	a. [b. [Information Disclosure Statement including: a. [] Attached Form PTO-1449 listing documents b. [] Attached copies of documents listed on Form PTO-1449 c. [X] A concise explanation of relevance of ISR references is given in the ISR.				
19.	[]				attached. Please mail the recorded and address appear at the end of this	
20.	[]	Copy of Powe	er to IA agent.			
21.	[]	Drawings: _	sheet(s) per set:	[] 1 set informal; [] F	ormal of size [] A4 [] 11"	
22.	[]	(No.) V	erified Statement(s)	establishing "small entity" sta	atus under Rules 9 & 27	
23.	both fil	Priority is hereby claimed under 35 U.S.C. 119/365 based on the priority claim and the certified copy, both filed in the International Application during the international stage based on the filing in (country) <u>JAPAN</u> of:				
	<u>Applica</u>	ation No.	Filing Date	Application No.	Filing Date	
(1)	08-3260	091	Nov. 20, 1996		Dec. 27, 1996	
(2)	08-3260	092	Nov. 20, 1996	(5)		
(3)	_] See Form Poplease procee	d promptly to obtain sa	OO with copy of priority docu	ments. If copy has not been received,	
	b. []	Copy of Forr	n PCT/IB/304 attached	l.		

24. Attached:

Re: USA National Filing of PC1/_JP9/_/_04168Page 3 of 3				
25. Preliminary Amendment:				
25.5 Per item 17.c3, cancel original pages #, claims #, Drawing Sheets #				
26. Calculation of the U.S. National Fee (35 U.S.C. 371 (c)(1)) and other fees is as follows: based on amended claim(s) per above item(s) [] 12, [] 14, [] 17, [] 25 [] 25.5 (hilite)				
TOTAL EFFECTIVE CLAIMS 33 - 20 13 x \$ 22/\$11 = \$				
If any proper (ignore improper) MULTIPLE DEPENDENT CLAIM is present, add \$270/\$135 +				
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(4)):→→→→→BASIC FEE REQUIRED, NOW →→				
A. If country code letters in item 1 are not "US", "BR", "BB", "TT", "MX", IL or "NZ"				
See item 16 re: 1. Search Report was not prepared by EPO or JPO add \$1070/\$535 +				
SKIP B, C, D AND E UNLESS country code letters in item 1 are "US", "BR", "BB", "TT", "MX", "IL" or "NZ				
-> [] B. If neither international search fee nor international preliminary examination fee was paid to <u>USPTO</u> , add \$1070/\$535 + @0096				
(X) (only) -> [] C. If international search fee was paid to <u>USPTO</u> (one) but not international preliminary examination fee, add \$790/\$395 +				
(these)-> [] D. If international preliminary examination fee was paid to (4) USPTO add \$720/\$360 + (boxes)				
-> [] E. If international preliminary examination fee was paid to USPTO and Rules 492(a)(4) and 496(b) satisfied, add \$98/\$49 +				
27. SUBTOTAL = \$ 930.00				
28. If Assignment box 19 above is X'd, add Assignment Recording fee of\$40.00 +				
29. Attached is a check to cover theTOTAL FEES \$_930.00				
CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 and 492 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.				
Pillsbury Madison & Sutro LLP Intellectual Property Group				
1100 New York Avenue Ninth Floor, East Tower Washington, D.C. 20005-3918 Tel: (202) 861-3000 Atty/Sec:GJP:mhn NOTE: File in duplicate with 2 postcard receipts (PAT-103) & attachments.				